INTRODUCTION
This event continues a long series of successful conferences organised worldwide to provide an international forum for scientists and engineers with an interest in fundamental and applied aspects of oxidation technologies involving ozone and related oxidants. EA3G2014 is organised in collaboration with UCD School of Biosystems Engineering. This event will provide an overview of the current state of knowledge and latest advances regarding the use of Ozone and Related Oxidants for Water Treatment, Food Processing, Agriculture, Industry, Health and Environment.

SCOPE AND OBJECTIVES
Global population is growing by about 80 million people annually and will reach ca. 8 billion by 2030 with 60% of urban dwellers. Together with population growth and urbanisation, globalisation and wealth is forcing rapid changes in living standards, food and water consumption patterns. This unprecedented expansion in industrialisation and intensive agriculture poses an array of significant challenges related to the sustainable use of natural resources for provision of basic human needs such as safe drinking water, food, energy and materials. Protection of the environment and human health through adequate control of pollution discharge and development of green processes for the industry fields of agri-food, production & transformation processes, energy and water treatment is also critical. This event will provide an overview of the current state of knowledge and latest advances regarding the use of ozone and related advanced oxidation systems for providing solutions to meet these goals.

Topics of interest relevant to the Conference theme include but are not limited to the combinations of:

- Agri-Food safety and quality
- Waste, Air and Soil treatment
- Wash water, process water
- Wastewater treatment, recycling and reuse
- Ecosystem preservation
- Industrial applications
- Reaction mechanisms, kinetics by-products, advanced oxidation
- Hydraulics, hydrodynamics, mass transfer
- Modelling, validation, system design
- Product / Process Research & Development
- Full-scale applications

PROGRAMME
- Scientific and technical sessions with oral and poster presentations, discussions
- Exhibition of ozone related products and services
- Technical visit of ozone plant(s)
- Cultural tours to discover Dublin
- Conference dinner.

CALL FOR PAPERS - PUBLICATIONS
Researchers, scientists, practitioners are invited to propose oral or poster presentations related to the theme topics. Authors should submit an extended abstract in English of two pages (with tables and figures) by March 10th, 2014:
- Online at www.ioa-ea3g.org/ea3g2014/ (pending);
- By e-mail with the submission form to the IOA-EA3G Secretariat with contact details.

The Programme Committee will notify authors about the acceptance of their papers for oral or poster presentation by March 17th, 2014. Full texts written according to guidelines must be submitted before April 28th, 2014. The Programme Committee will select and award a prize to the best presentation by a doctorate student. Conference proceedings will be provided to participants at registration.

ASK EXHIBITION AND SPONSORING OPTIONS
The exclusiveness of the conference theme allows exhibitors and sponsors an ideal opportunity to meet a unique and targeted audience.

For detailed information on sponsoring options, please contact the IOA-EA3G secretariat to make the most of this event.

REGISTRATION
The registration fee will cover scientific and technical sessions, book of abstracts, electronic proceedings, lunches, coffee breaks, exhibition and technical tour.

LANGUAGE AND CONFERENCE VENUE
The official language will be English. The Conference venue will be the Radisson Blu Royal Hotel Dublin, Golden Lane, Dublin, Ireland.

CONTACT AND UPDATES
For any request
IOA-EA3G Secretariat
Fax +33(0)549 454 060
E-mail: ioa@esip.univ-poitiers.fr
Website: www.ioa-ea3g.org/

For request related to local aspects
University College Dublin
Prof. Colm O’Donnell, Dr. Tom Curran,
UCD School of Biosystems Engineering
University College Dublin,
Belfield, Dublin 4,
Ireland.
E-mail: colm.odonnell@ucd.ie or tom.curran@ucd.ie